

AMENDMENTS TO THE CLAIMS

1. (previously presented) Functional handpiece, comprising
an elongate handpiece body having a rearward end with a connection element for
connection with a flexible supply line,
said handpiece having a forward end with a light emission element of a light permeable
material for illuminating a treatment site,
said light emission element having an outlet opening for a fluid medium,
the light emission element forming a forward region of the functional handpiece and
being releasably connected to the remaining region of the functional handpiece, and the light
emission element having a plug-in fitting for the light emission element,
wherein
the light emission element is connected to the remaining region of the functional
handpiece by means of a latching device,
the latching device having a latching nose directly or indirectly arranged on the light
emission element, which can spring in radially inwardly and can self-actingly spring out behind a
latching edge on the plug-in fitting.
2. (previously presented) Functional handpiece according to claim 1, wherein for
release, the latching nose can be sprung in through an externally accessible hole in the remaining
region of the functional handpiece.

3. (currently amended) Functional handpiece comprising
an elongate handpiece body having
a rearward end with a connection element for connection to a flexible supply line, and
a forward end with a light emission element of a light permeable material for illuminating
a treatment site,
the light emission element having an opening for a fluid medium,
the light emission element forming a forward region of the functional handpiece and
being releasably connected to the remaining region of the functional handpiece by means of a
plug-in fitting having a latching device,
the latching device having a latching nose arranged directly or indirectly on the light
emission element,
wherein
the latching nose can self-actingly spring out into its latching position behind a latching
edge on the plug-in fitting, and for release is externally accessible through a hole in the
remaining region;
and the light emission element extends out from the remaining region of the handpiece a
length not substantially longer than its width.

4. (previously presented) Functional handpiece according to claim 1, wherein an outer
surface of the light emission element and an outer surface of the remaining region of the
functional handpiece adjoining thereon steplessly transition into one another.

5. (previously presented) Functional handpiece according to claim 1, comprising a plug-in pin standing up rearwardly from the light emission element, said plug-in pin sitting in a plug-in recess in the adjoining remaining region of the functional handpiece.

6. (previously presented) Functional handpiece according to claim 5, wherein the light emission element bears on the remaining region with a step surface tapering the plug-in pin.

7. (previously presented) Functional handpiece according to claim 1, wherein the latching nose is arranged on a rearwardly upstanding spring arm.

8. (previously presented) Functional handpiece according to claim 1, wherein the remaining region is formed by means of cannula which is releasably connected with a grip part.

9. (previously presented) Functional handpiece according to claim 8, wherein the cannula is curved or angled to a side of the functional handpiece.

10. (previously presented) Functional handpiece according to claim 8, wherein the cannula is mounted rotatably around a longitudinal axis of the functional handpiece.

11. (previously presented) Functional handpiece according to claim 10, wherein the cannula is connected by means of a plug-in/turn coupling.

12. (previously presented) Functional handpiece according to claim 11, comprising at least one media line passing through a hollow cylindrical dividing joint of the plug-in/turn coupling in a Z-form or at least one light conductor passing axially through the plug-in/turn coupling and extending to the light emission element.

13 – 16. (canceled).

17. (previously presented) Functional handpiece of claim 1, wherein said fluid medium is water, air, or spray.

18. (previously presented) Functional handpiece of claim 3, wherein said fluid medium is water, air, or spray.

19. (previously presented) Functional handpiece according to claim 8, wherein said cannula is releasably connected with the grip part by means of a quick-release connection.

20. (new) Functional handpiece according to claim 3, wherein the light emission element emits light both forwardly and to the side.

21. (new) Functional handpiece according to claim 3, wherein the light emission element extends out from the remaining handpiece a distance that is approximately equal to its width.